

King County DNRP Water Quality Index

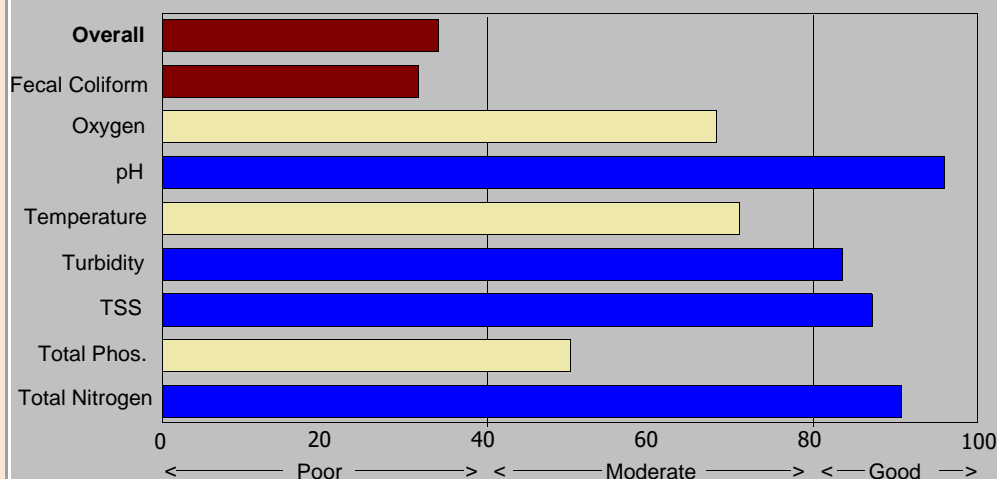
STATION **474** WATER YEAR **2018**

GAUGE # 45A **North Creek located on west side of creek north of Hwy.** Overall Index **34**

King County has monitored water quality in North Creek at two locations. Station 0474 is located near the mouth of North Creek on the upstream side of the 522 bridge. Monitoring at station 0474 began in 1976 and continues today. The North Creek basin encompasses 19,000 acres and includes Silver Lake, Ruggs Lake, and Thomas Lake. The creek originates within the Everett Mall area and flows 12.6 miles through the City of Mill Creek before draining into the Sammamish River near Bothell. The creek is on the Washington State Department of Ecology's 303(d) list, Category 5, for violations temperature and dissolved oxygen standards.

Annual Water Quality Index Scores

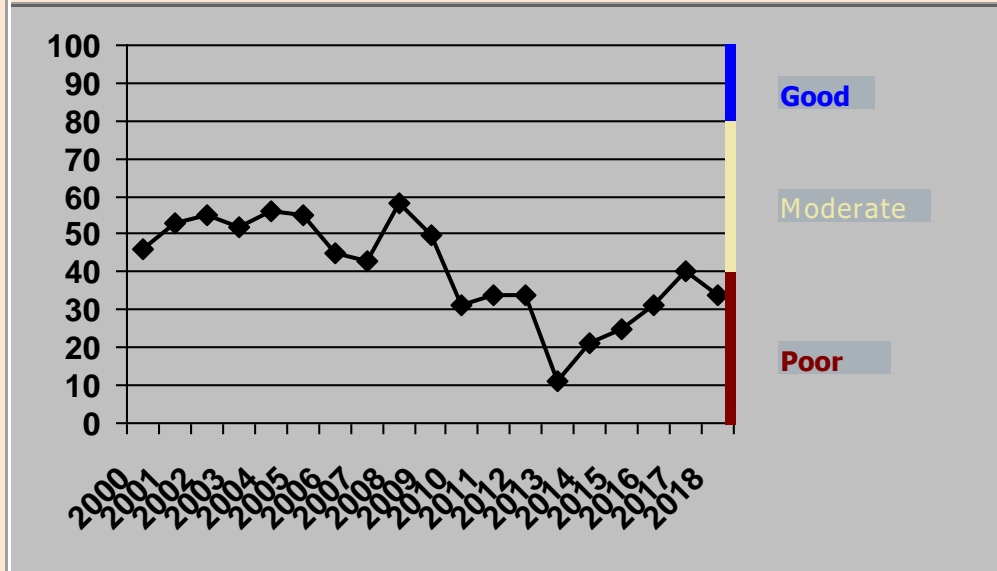
Water quality was POOR based on data collected 10/1/2017 to 9/30/2018.



Monthly Scores For Water Year 2018

| Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 80 | 57 | 47 | 47 | 56 | 74 | 53 | 40 | 65 | 23 | 62 | 38 |

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <https://green2.kingcounty.gov/streamsdata/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>